

With Dr. Gutter's Consent?

BAKEWELL *Derb.*

Rural District Council.

.....

ANNUAL

REPORTS

OF THE

Medical Officers of Health

FOR

THE YEAR 1896.

.....

PRINTED BY ORDER OF THE COUNCIL.

ALFRED HAWES, CLERK.



BAKEWELL RURAL DISTRICT COUNCIL.

(SOUTHERN DIVISION.)

Annual Report of the Medical Officer of Health.

FOR THE YEAR ENDING DECEMBER 31st, 1896.

Area in Acres	31,519		
Population in 1891	7,860		
Death-rate.....	15·0	per 1000	
Birth-rate	27·4	„ „	
Infantile Mortality	131	„ „	Births.

To the Chairman and Members of the Rural District Council.

MY LORD DUKE AND GENTLEMEN,

In accordance with instructions, I have pleasure in presenting my Annual Report to the Council for the year ending December 31st, 1896.

I estimate the population to be 8,050.

Deaths.—From all causes the registered deaths were 121 against 129 the previous year, the mortality being at the rate of 15 per thousand, of these 6 died from Scarlatina, 1 Croup, 1 Enteric or Typhoid Fever, 1 Measles, 2 Whooping Cough, 7 Phthisis, 18 Bronchitis, Pleurisy and Pneumonia, 9 Heart Disease, 7 Violence or Injuries, and 69 from other causes, including not a few from old age.

Births.—The births exceeded the deaths by 100, the total births for the year were 221 or a birth-rate of 27·4 per thousand.

Zymotic Mortality.—From all diseases of a zymotic nature the mortality is 1·3 per thousand, but if only notifiable diseases are included, the mortality is less than one per thousand, viz., 0·99 per thousand.

Infectious Diseases, (Notification) Act.—Under this Act 63 cases were notified, viz.. Croup 1, Diptheria 2, Erysipelas 10, Scarlatina 36, Puerperal Fever 1, Typhoid or Continued Fever 13, all of which were reported to the Council.

Disinfection.—The operation of disinfecting as carried out in the district has not been altogether satisfactory, for it is found practically impossible to thoroughly fumigate a Cottage so long as it is occupied by the family, therefore it would be of great advantage if the Council could provide a “shelter” in every Parish which an infected family could occupy whilst their premises were being disinfected.

Water Supply.—Earl Cowper has improved the Over-Haddon supply, and Monyash has also been much benefitted by the action of the Council, but Elton is in the unfortunate position of having constructed a reservoir and put in the mains for a supply which is now denied them. Winster has also been very inadequately supplied with water, especially during the past summer. Steps should be taken at once to provide a better supply and prevent a recurrence of what practically amounted to a water famine.

Scavenging.—The emptying of privies, and the removal of refuse is left by the Council entirely to individual effort and consequently dangerous accumulations are of frequent occurrence. If this work was carried out by the Council at regular intervals, it would doubtless add greatly to the health of the district.

Drainage.—Two short lengths of main drains were laid in Youlgreave and Winster, and many others opened and cleansed.

Inspection.—The time of the Sanitary Inspector has been so fully occupied with his duties as Surveyor of Highways, that less has been done than in previous years, but now that an additional Inspector and Surveyor is about to be appointed he will have more time for the important work of systematic inspection.

With this report the usual tables of Mortality and Sickness are enclosed. Also the Inspector's Report.

I have the honour to be,

My Lord Duke and Gentlemen,

Your obedient Servant,

JOHN KNOX.

A

TABLE OF DEATHS

During the year 1896, in the South Rural Sanitary District of Bakewell, classified according to Diseases, Ages, and Localities.

During the year 1880, in the South Ayrshire Sanitary District.										Mortality from subjoined causes, distinguishing Deaths of Children under Five Years of age.																					
NAMES OF LOCALITIES.	Mortality from all causes at subjoined ages.																										TOTAL.				
	At all ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.		Smallpox.	Scarlatina.	Diphtheria.	Membranous Croup.	FEVERS.				Cholera.	Erysipelas.	Measles.	Whooping Cough.	Diarrhoea and Dysentery.	Rheumatic Fever.	Ague.	Phthisis.	Bronchitis, Pneumonia, and Pleurisy.	Heart Disease.		Injuries.	All other Diseases.		
													Typhus.	Enteric or Typhoid.	Continued.	Relapsing.														Puerperal.	
Aldwark							Under 5 5 upwards																								
Ashford	12	4		2	1	3	2	Under 5 5 upwards															1	1	2		3	5		4	8
Beeley	10	3		2	1	3	1	Under 5 5 upwards		1														1	1	2	2		3	7	
Birchover	2	2						Under 5 5 upwards																2						2	
Cromford	25	5	1	1	2	8	8	Under 5 5 upwards		1								1						2	1	4	3	1	3	9	6
Elton	4		1				3	Under 5 5 upwards																			1	3		1	3
Gratton	1						1	Under 5 5 upwards																					1		1
Grange Mill	1						1	Under 5 5 upwards															1								1
Hartington-Middle-Quarter	2			1			1	Under 5 5 upwards		2																					2
Over Haddon	2	1					1	Under 5 5 upwards																				1	1		1
Harthill	1	1						Under 5 5 upwards										1													1
Monyash	7		3				1	Under 5 5 upwards		2																			1	3	4
Middleton	5	1			1	1	2	Under 5 5 upwards																					1	1	4
Rowsley and Alport	2	2						Under 5 5 upwards																					2		2
Stanton	8	2	2				4	Under 5 5 upwards											1							1	1	2	3		4
Tansley	15	3	3	1	2	3	3	Under 5 5 upwards			1													2		1			1	7	6
Winster	7	2				2	3	Under 5 5 upwards																	1	1	2		1	2	5
Yongreve	17	3			1	8	5	Under 5 5 upwards					1												1	2	1	1	2	9	3
TOTALS	121	29	10	7	8	32	35	Under 5 5 upwards		3		1		1				1	2						7	9	9	4	49		82

TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS.
 Coming to the knowledge of the Medical Officer of Health, during the year 1896, in the Rural Sanitary District of
 Bakewell (Southern); classified according to Diseases, Ages, and Localities.

NAMES OF LOCALITIES.	Population of all Ages.		Registered Births.	Aged under 5 or over 5	New Cases of Sickness in each Locality coming to the knowledge of the Medical Officer of Health						Number of such Cases Removed from their Homes in the several Localities for Treatment in Isolation Hospital.	
	Census 1891.	Estimated to middle of 1896.			Scarlatina	Diphtheria	Membranous Croup.	Enteric or Typhoid Fever.	Continued Fever.	Puerperal Fever.		Erysipelas.
Ashford	Under 5 5 upwards				1		1		
Beeley	Under 5 5 upwards	2							
Cromford	Under 5 5 upwards	6			1				
Elton	Under 5 5 upwards				1			3	
Hartington M. Qr.	Under 5 5 upwards	1							
Over Haddon	Under 5 5 upwards				1			1	
Monyash	Under 5 5 upwards	25	1			5		1	
Middleton	Under 5 5 upwards				1				
Rowsley..	Under 5 5 upwards							1	
Stanton	Under 5 5 upwards				1				
Tansley	Under 5 5 upwards	1		1					
Youlgreave	Under 5 5 upwards	1	1		2			4	
Totals	7860	8050	221	Under 5 5 upwards	36	2	1	8	5	1	10	

NONE.

SUMMARY OF SANITARY WORK

done in the Inspector of Nuisances Department during the year 1896, in the South Division of the Bakewell Rural District Council.

	Inspections and Observations made.	Informal Notices served by Inspector.	Legal Notices by Authority.	Nuisances Abated after Notice.
Dwelling Houses in foul condition.....	1 ...	— ...	1 ...	1
Lodging-houses	6 ...	— ...	6 ...	6
Bake-houses	1 ...	— ...	— ...	—
Slaughter-houses	4 ...	4 ...	— ...	4
Ashpits and Privies.....	32 ...	— ...	12 ...	32
Defective Traps.....	12 ...	— ...	12 ...	12
No Disconnection	31 ...	— ...	3 ...	25
Piggeries.....	4 ...	— ...	4 ...	4
Other Nuisances	1 ...	— ...	1 ...	1
New Closets built.....	5 ...	— ...	— ...	—
	97	4	39	85

Schools Fumigated after Infectious Disease ... 2
Houses Fumigated after Infectious Disease ... 25
Bedding Destroyed after Infectious Disease ... 2
Plans and Specifications prepared for a Storage Tank and Water
Supply to Stanton Lees
A Length of over 150 yards of New Main Drain at Youlgreave
A Length of over 200 yards of New Main Drain and Gully
Traps at Winster.

ALBERT TOFT,

Surveyor and Inspector of Nuisances.

CATCLIFF, BAKEWELL,

January, 1897.

BAKEWELL UNION RURAL DISTRICT COUNCIL.

(NORTH DISTRICT.)

Annual Report of the Medical Officer of Health.

1881 Population Census.....	10,831
1891 Population Census.....	10,617
Estimated Population to middle of June, 1896.....	10,495
Area in Acres in 1893.....	47,866
Number of Inhabited Houses, Census, 1891	2,386

Death Rate.....	15·4	per 1000 of Estimated Population
Zymotic Death-rate	1·6	„ „ „
Birth-rate	25·4	„ „ „
Infantile Mortality	123·5	„ Births

To the Chairman and Members of the Rural District Council

MY LORD DUKE AND GENTLEMEN,

It is again my duty to present to your Authority my Annual Report on the Health and Sanitary condition of that portion of the Rural Sanitary District of the Union which has been under my supervision for the past year.

The information that enables me to compile this report on the subject to which it refers, has been obtained by regular systematic inspections, as well as from information received from many other sources. Those townships with the largest population have necessarily required the most attention on the part of myself as well as that of the Sanitary Inspector, and in some instances it was found necessary to make a house to house visitation and inspection.

The Returns and Reports which have been regularly presented to your Authority by the Sanitary Officers as Monthly or Special Reports during the year, give an idea of the extent and requirements carried out or otherwise dealt with during that period, and it is satisfactory to know that all the requisitions were obtained amicably, and that magisterial or legal intervention was not required.

Typhoid Fever.—In the month of December a case of Typhoid Fever was notified. The case occurred at a house, the drains of which had been damaged by a Traction Engine, and in consequence the sewerage from that and adjoining property found its way into the cellars and foundations. The owner of the property had been aware of the damage long before the illness manifested itself. One case of Typhoid Fever occurred at Little Longstone in April, which had a fatal termination.

Diphtheria.—During the year seven cases of Diphtheria were notified. These occurred as follows :—one at Taddington in January, one at Taddington in February, one at Hathersage in May, one at Hathersage in November, one at Stoney Middleton in June, and two at Hazleford in October. Three of the cases terminated fatally before the notification reached me. No Bacteriological Examination was therefore made in these cases and the same applies to one of the remaining four cases. Of the other three in which a Bacteriological Examination was made the diagnosis was only verified in one of them.

Scarlet Fever.—Scarlet Fever was prevalent during the whole year, especially in the months of March, April, May, July, September, and December. The following townships are those where the cases occurred and the number of cases in each of the townships:—Litton 7, Pilsley 7, Calver 5, Flagg 5, Longstone Great 5, Eyam 3, Taddington 3, Stoney Middleton 5, Hathersage 2, Lead Mills 2, Tideswell 2, Priestcliff 2, Longstone Little 2, Hassop 2, Blackwell 2, Froggatt 3, Eyam Woodlands 2, Cressbrook 1, Curbar 1, Sheldon 1, Wardlow Miers 1, and Rowland 1. The total number of cases were 64 (sixty-four). The deaths from this cause were 6 (six) in number, and were distributed as follows:—Litton 2, Eyam 1, Rowland 1, Stoney Middleton 1, and Priestcliff 1. Two of the deaths occurred in children who did not belong to the district. In those households which contained children attending school, printed notices were served on the masters and mistresses of Schools as well as on the superintendents of Sunday Schools, giving them notice of the occurrence of the outbreak. In the subjoined chart numbered I. the seasonal prevalence of Scarlet Fever for the past year may be seen at a glance.

Measles.—Measles not being a notifiable disease it is impossible to give even an approximate estimate of the number of cases, and altho' some portions of the district suffered from this affection to a certain extent, only two deaths were registered as directly due to this cause.

Whooping Cough.—This affection was prevalent in several townships, and altho' one or two deaths occurred from chest affections which appeared to have been influenced by a previous attack of Whooping Cough, no death was registered as due directly to this cause.

Erysipelas.—Nine cases of Erysipelas were notified during the year. No deaths were registered as due to this cause.

The number of notified cases by no means represents the total number of cases occurring in the district. In the majority of cases no medical attendance is requisite or obtained, and no notification made.

Diarrhœa, etc.—Diarrhœa was prevalent in the Autumn months, when 3 (three) deaths from this cause were registered, viz:—1 at Eyam, 1 at Stoney Middleton, and 1 at Hathersage.

Croup.—No case of Membranous Croup was notified. Several cases (non-membranous) came under observation.

Small-pox.—No case of Small-pox was notified during the past year.

Puerperal Fever.—Two cases of Puerperal Fever were notified during the year, of these one case occurred at Grindlow in February, and the other at Bradwell in November. No deaths from this cause were registered.

Doubtful Cases.—In the month of September a death was registered as due to “Inflammation of the Lymphatic Glands, Inflammatory Fever,” whether this is a definition of Septicœmia, Erysipelas, or something else I cannot say, I can only conclude it was not a notifiable disease as I have no notification of it.

Uncertified Deaths.—Under this extremely unsatisfactory heading 4 (four) deaths are registered. Two of these occurred at Bradwell, one being a female aged 63 years, the other a male aged one month. One at Tideswell, a female aged 55 years, and the other at Stoke, being a male aged nineteen months.

Inquests.—Coroner’s Inquests were held in 13 (thirteen) cases, of these 9 (nine) were males, and 4 (four) were females, which is equivalent to 8·02 % of the total number of deaths. The distribution of Inquests and uncertified deaths is shewn in Table No. II.

Over-crowding.—A few cases of over-crowding chiefly due to increasing family connections, came under our notice, but they were easily dealt with without even the intervention of your Authority.

Lodging Houses.—Lodging Houses were regularly and systematically inspected, and found to meet the requirements.

Slaughter-houses and Bake-houses.—Slaughter-houses and Bake-houses have been frequently inspected. In several instances as previously reported, the surroundings of some of these places, especially in the case of Slaughter-houses, are of such a nature as to make it very difficult to keep them in anything like a standard condition. I particularly referred to this condition in my Annual Report for 1894. Bake-houses were always found clean.

Water Supply.—It is with reluctance I have again to state that this question which is of vital importance to several townships in my district still remains in abeyance. In my report to your Authority on October 2, 1896 I directed your attention to numerous urgent appeals that were made to me on the subject of the want of water, and I enclosed you a letter received that day by me as an example of what I was constantly receiving from rate-payers in different townships, complaining of the inadequate supply.

Drainage.—I regret I have again to report that no complete system of drainage has been undertaken in my district.

Action taken with regard to Infectious Disease and Sanitation Generally:—In all cases of Notifiable Disease occurring amongst children as well as infectious disease not at present notifiable, notices were served on school teachers and superintendents of Sunday Schools in order that they

might at once be in a position to know where infectious cases existed, so as to be able to exclude children from the Schools who came from houses where infection prevailed. The Schools were temporarily closed under an order from your Authority at Wardlow, in the month of January, owing to an Epidemic of Measles and Whooping cough, and at Taddington and Priestcliff in April in consequence of an outbreak of scarlet fever and epidemic sore throat. With two exceptions every house where scarlet fever has been known to exist in my district has been disinfected by your Officers, the two exceptions were satisfactorily disinfected by the occupiers themselves. It is the more necessary to point this out, as mis-conception has arisen by comparing the number of houses disinfected with the number of cases notified, evidently forgetting for the moment how possible it is for more than one case to occur in the same household, especially when the family is large, and the means of isolation in far too many instances absolutely nil.

Requirements.—Before the townships forming the North Rural Sanitary District can be considered in a satisfactory Sanitary condition, it is necessary that provision be made for a proper water supply, and a system of proper drainage, or both. The question of an Isolation Hospital is also an urgent requirement. In many instances in which infectious disease breaks out in a house or cottage where proper isolation cannot be obtained, and especially where there are children, it is hopeless to expect that the others should escape, and the amount of suffering which would be prevented, and the number of lives which might also be saved if such an Institution existed could not be otherwise than comforting to those who were instrumental in its provision, for it must be remembered that in some of the cases of infectious disease which occur among the poorer classes where proper nursing and treatment is a difficulty, effects are left even if recovery takes place, which not only materially shorten life but leave persons

permanently debilitated. Another advantage I may mention of having such an Institution is that it would be a centre where Medical Practitioners could have specimens from cases resembling Diphtheria and other infectious diseases examined bacteriologically without loss of time, and the diagnosis cleared up, a factor of much importance in such cases; also a place where Anti-toxins might be stored and supplied to the Medical Profession at the usual rates, and so save much valuable time. It is needless for me to point out to your Authority that the money expended in supporting such an Institution would resemble an insurance premium against the spread of infectious disease, but might in every way eventually become a self-supporting Institution. The necessity for assistance being supplied to the Sanitary Inspector is so patent, and has so frequently been commented upon, that further reference to the subject on my part is positively needless.

Vital Statistics.—The Vital Statistics will be found in the accompanying tables of the Local Government Board for the year ending December 31st, 1896, but they may be given in a brief manner, and for convenience in this part of the report.

Births.—The total Births registered during the year were 267, of these 142 were males, and 125 were females. In the first quarter the births were 79 in number, 45 males, 34 females. In the second quarter 62: males 35, females 27. In the third quarter 70, males 36, females 34. In the fourth quarter 56, males 26, females 30. In the previous year the Births were 265, being 2 less than the present year. The Birth-rate is equivalent to 25·4 per 1000 of the estimated population in June, 1896.

Deaths.—The deaths from all causes and at all ages during the year were 162 (one hundred and sixty two), of these 82

were males and 80 females. The Death-rate was 15·4 per 1000 of the population, estimated to the middle of June, 1896, the estimated population at that date being 10,495. In none of the townships has the death-rate been excessive. The young and aged have as in other years suffered most severely, 47 deaths having occurred in children under five years of age, and 77 in persons of sixty years of age and upwards. The total deaths registered during the year as due to infectious diseases of all kinds were 16 in number, being one less than in the year 1895.

The annexed tables will shew the Births and Deaths from (a) zymotic diseases, (b) diseases of the chest, (c) amongst children under one year, and (d) in persons over sixty five years of age for the year 1896 and seventeen previous years, as well as the deaths from all causes, which will be found in Table A of the Local Government Board.

I have the honour to be,

My Lord Duke and Gentlemen,

Your obedient Servant,

PHILIP S. FENTEM.

TABLES.

Bakewell Union North District.	Total Births.	Total Deaths.	Zymotic Diseases.	Chest Affections.	Under 1 year.	Over 60 years.
1896	267	162	16	35	33	77
1895	265	173	17	35	28	68
1894	288	155	17	37	31	58
1893	286	197	28	42	34	79
1892	272	206	15	37	40	84
1891	286	228	22	69	33	84
1890	259	186	18	33	27	77
1889	280	178	6	37	26	74
1888	229	172	8	43	22	74
1887	266	167	6	72	26	65
1886	289	191	10	28	28	70
1885	270	205	12	48	23	89
1884	274	198	12	46	41	72
1883	299	223	17	67	41	83
1882	316	218	13	45	27	92
1881	288	183	14	37	28	72
1880	315	187	8	43	30	83
1879	292	222	5	50	39	80

Tables A and B of the Local Government Board are appended.

PHILIP S. FENTEM.

TABLE 2. Shewing the number and distribution of Inquests held, and Uncertified Deaths recorded during the year 1896.

LOCALITY.	INQUESTS.					UNCERTIFIED DEATHS.				
	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total.	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total.
Bradwell		2			2		1		1	2
Calver			1	1	2					
Curbar	1				1					
Edensor				1	1					
Eyam				1	1					
Flagg	1				1					
Hathersage				1	1					
Longstone, Little ..			1		1					
Outseats.. ..	1			1	2					
Stoke								1		1
Taddington			1		1					
Tideswell							1			1
TOTALS.. ..	3	2	3	5	13		2	1	1	4
Rate per cent. of Total Deaths	6.5	5.4	7.1	13.5	8.02		5.4	2.3	2.7	2.4

SUMMARY OF SANITARY WORK

done in the Inspector of Nuisances Department during the Year 1896, in the North Division of the Bakewell Rural District Council.

	Inspections and Observations made	Informal Notices served by Inspector.	Legal Notices by Authority.	Nuisances Abated after Notice.
Dwelling Houses in foul condition.....	9	—	—	9
Lodging Houses	11	3	8	11
Bake-houses	3	—	—	—
Slaughter-houses	6	—	4	4
Ashpits and Privies	36	—	16	36
Defective Traps	21	—	6	21
No Disconnection	29	—	12	29
Pigsties	6	—	6	6
Other Nuisances	1	—	1	1
New Closets Built	25	—	—	—
	147	3	53	117

Houses Fumigated after Infectious Disease ... 37

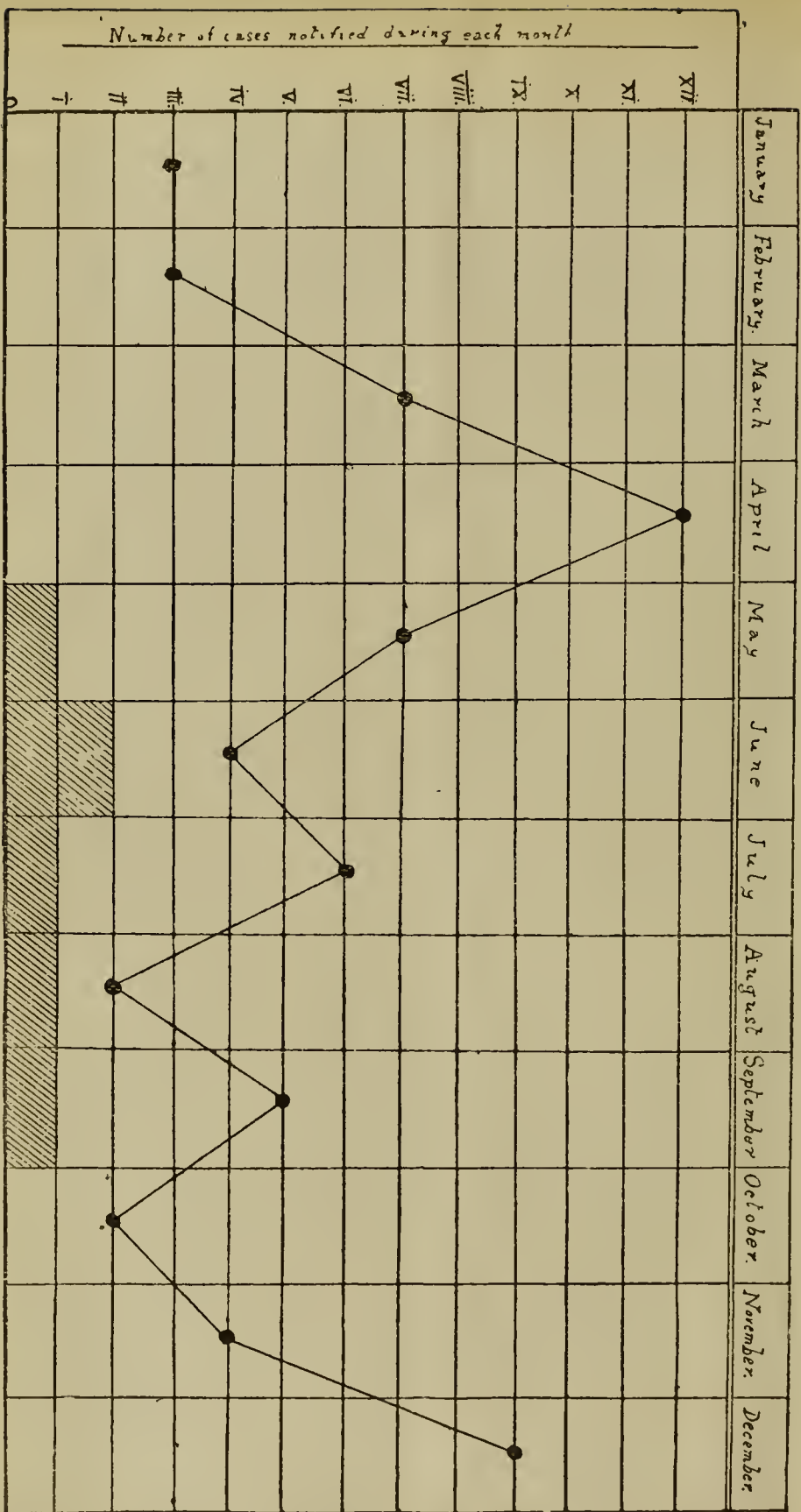
Plans and Specifications prepared for a Length of 536 yards
of 9 inch Sanitary Pipes Main Drain and 100 yards of
6 inch Sanitary Pipes Main Drain at Bradwell.

Plans and Specifications prepared for a Length of 210 yards
of 9 inch Sanitary Pipes Main Drain at Tideswell.

ALBERT TOFT,

Surveyor and Inspector of Nuisances.

Little T. Diagram, showing seasonal variations and distribution of cases in 1896.



Small Pox, New. —

Small Pox, New. —



B

TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS
Coming to the knowledge of the Medical Officer of Health, during the year 1896, in the North Rural Sanitary District,
Bakewell Union; classified according to Diseases, Ages, and Localities.

NAMES OF LOCALITIES.	Population at all Ages.		Registered Births	Aged under 5 or over 5.	New Cases of Sickness in each Locality coming to the knowledge of the Medical Officer of Health					Number of such Cases Removed from their Homes in the several Localities for treatment in Isolation Hospital.
	Census 1891.	Estimated to middle of 1896.			Scarlatina	Diphtheria	Enteric or Typhoid Fever	Puerperal Fever	Erysipelas	
Bradwell ..	837	750	This information is not supplied.	Under 5				1		None. No Isolation Hospital.
Blackwell ..	42	40		5 upwards	2					
Calver	371	346		Under 5	2					
Curbar	336	344		5 upwards	3				1	
Chatsworth ..	51	47		Under 5	1					
Eyam	996	978		5 upwards					1	
Eyam Woodlands	266	278		Under 5	3					
Flagg	176	170		5 upwards	1	1				
Froggatt ..	83	61		Under 5	1					
Grindlow ..	35	30		5 upwards	2					
Hassop	110	118		Under 5				1		
Hathersage ..	1210	1372		5 upwards	2					
Litton & Cressbrook	715	710		Under 5	1					
Longstone, Great	535	555		5 upwards	3	2	1		1	
Longstone, Little	145	142		Under 5	2					
Pilsley	226	224		5 upwards	6				1	
Rowland	57	53		Under 5	1		1			
Sheldon	120	99		5 upwards	1				2	
Stony Middleton	423	452		Under 5	1					
Tideswell ..	1936	1915		5 upwards	4	1			1	
Taddington and Priestcliffe .. }	363	344		Under 5	2					
Wardlow & Miers	140	130		5 upwards	1	1	1			
TOTALS..	9173	9158		Under 5	16	2	2	2	9	
				5 upwards	48	5				

The "Notification of Infectious Disease" has been compulsory in the District since April 3rd, 1893.

No Infection Hospital provided.

